

FORM PTO-1390
(REV. 02-2005)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

0933-0246PUS1 ✓

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/537102

INTERNATIONAL APPLICATION NO.

PCT/FI2003/000949 ✓

INTERNATIONAL FILING DATE

December 12, 2003 ✓

PRIORITY DATE CLAIMED

December 13, 2002 ✓

TITLE OF INVENTION

THE TRANSMEMBRANE PROTEIN AMIGO AND USES THEREOF

APPLICANT(S) FOR DO/EO/US

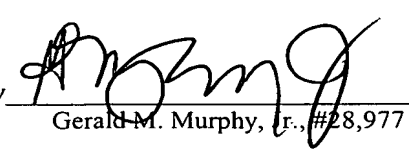
KUJA-PANULA, Juha; KIILTOMÄKI, Marjaana; RAUVALA, Heikki

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - ✓ a. ☒ is attached hereto (required only if not transmitted by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4)
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
 - a. ☒ is attached hereto.
 - b. ☐ has been submitted to the Internal Bureau (See Box VIII-4-1 of the Request (PCT/R0/101), **copy attached**).
The Power of Attorney or Authorization of Agent and Certificate under 37 CFR 3.73(b) Showing Chain of Title are: ☐ attached hereto. ☐ will follow.
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 20. below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form PTO-1449(s), and International Search Report (PCT/ISA/210) with 3 cited document(s).
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 C.F.R. 1.76
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: ✓
 1. PCT/IB/304 & PCT/IB/308
 2. Sequence Listing (91 Pages) ✓
 3. Twenty Nine (29) Sheets of Formal Drawings ✓

| | | | | | |
|---|--|--|------------|---|----------|
| U.S. APPLICATION NO (if known, see 37 CFR 1.5) 10/537 102 | | INTERNATIONAL APPLICATION NO PCT/FI2003/000949 | | ATTORNEY'S DOCKET NUMBER 0933-0246PUS1 | |
| The following fees are submitted: | | | | | |
| 21. <input checked="" type="checkbox"/> | Basic national fee | | | \$ | 300.00 |
| 22. <input checked="" type="checkbox"/> | Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) | | | \$ | 200.00 |
| | All other situations | | | \$ | 500.00 |
| 23. <input checked="" type="checkbox"/> | Search fee Search fee (37 CFR 1.445(a(2))) has been paid on the international application to the USPTO as an International Searching Authority. | | | \$ | 500.00 |
| | International Search Report prepared and provided to the Office | | | \$ | 500.00 |
| | All other situations | | | \$ | 500.00 |
| TOTAL OF 21, 22 AND 23 = | | | | \$ | 1000.00 |
| <input checked="" type="checkbox"/> | Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof. | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| 241 - 100 = | 0 / 50 = | 0 | x \$250.00 | \$ | 750.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | 0.00 |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total Claims | 62 - 20 = | 42 | x \$50.00 | \$ | 2100.00 |
| Independent Claims | 16 - 3 = | 13 | x \$200.00 | \$ | 2600.00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) <input checked="" type="checkbox"/> | | | + \$360.00 | \$ | 360.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | 6810.00 |
| <input checked="" type="checkbox"/> | Applicant claims small entity status. See 37 C.F.R. § 1.27. The fees indicated above are reduced by 1/2. | | | \$ | 3405.00 |
| SUBTOTAL = | | | | \$ | 3405.00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(i)). | | | | + | \$ 0.00 |
| TOTAL NATIONAL FEE = | | | | \$ | 3405.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | + | \$ 40.00 |
| TOTAL FEES ENCLOSED = | | | | \$ | 3445.00 |
| | | | | Amount to be: Refunded: | \$ |
| | | | | Amount to be charged: | \$ |
| a. <input checked="" type="checkbox"/> | A check in the amount of \$3,445.00 to cover the above fees is enclosed. | | | | |
| b. <input type="checkbox"/> | Please charge my Deposit Account. No. 02-2448 in the amount of \$0.00 to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | |
| c. <input checked="" type="checkbox"/> | The Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment to Deposit Account No. 02-2448. | | | | |
| NOTE: Where an appropriate time limit under 37 C.F.R. § 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | |
| Send all correspondence to: Birch, Stewart, Kolasch & Birch, LLP or Customer No. 02292 P.O. Box 747 Falls Church, VA 22040-0747 (703) 205-8000 | | | | | |
| Date: <u>June 2, 2005</u> | | | | By  Gerald M. Murphy, Jr., #28,977 | |

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